

**U.S. PATENT DOCUMENTS** 

EXAMINER		DOMAN TO		TENT BOCOMENTS				I
INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	<b>†</b>
	<u> </u>						ADDOOD LATE	1
PI	AA	4,859,451	8/22/89	Quay et al			APPROPRIATE	<u> </u>
	AB	4,687,659	8/18/87	Quay				
	AC	4,885,363	12/5/89	Tweedle et al				
	_ AD	4,647,447	3/3/87	Gries et al	<del></del>			
	AE	4,957,939	9/18/90	Gries et al				
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	AH	4,983,376	1/8/91	Sherry				
	AI	4,889,755	2/13/90	Lauffer et al				
	AJ	4,631,337	12/23/86	Tomalia et al;				
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			FORE	IGN PATENT DOCUM	ENTE			
		DOCUMENT	DATE	COUNTRY		T	· •	
		NUMBER	22	COUNTRY	CLASS	SUBCLASS	TRANSLA	TION
<i>\$7</i>	AO	227421	10/26/90	New Zealand	<del></del>			
'/	AP	WO89/05802	6/29/89	World	-			
	AQ	78995/87	3/31/88	Australia		<del> </del>		
	AR	0,230,893	8/5/87	Europe				
	AS	0.325.762	9/2/80	Europe	_			

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PT.	AAA	Villringer et al., "Dynamic Imaging with Lanthanide Chelates in Normal Brain: Contrast Due to Magnetic Susceptibility Effects", Magnetic Resonance in Medicine. 6. 164 - 174 (1988)
	AAB	Shehadi, "Contrast Media Adverse Reactions: Occurrence, Recurrence, and Distribution Patterns", Diagnostic Radiology, Vol. 143, No. 1, pp. 11 - 17 (Ann 1982)
	AAC	Bettmann, "Angiographic Contrast Agents: Conventional and New Media Compared". AJE. 139, pp. 787-794 (Oct. 1982)
	AAD	Bettmann et al., "Recent Advances in Contrast Agents", Radiologic Clinics of North America. Vol. 24, No. 3, pp. 34 - 357 (Sept. 1986)
	AAE	Wedeking et al., "Comparison of the Biodistribution of <sup>153</sup> Gd-Labeled Gd(DTPA)2-, Gd(DOTA)" and Gd(Acetate)n in Mice", Mud. Med. Biol., Vol. 15, No. 4, pp. 395-402 (1988)
	AAF	I weedle et al., "Reaction of Gadolinium Chelates with Endogenously Available Tons". Magnetic Resonance Imaging. Vol. 9. pp. 409-415 (1991)
	AAG	Tweedle, "Work in Progress Toward Nonionic Macrocyclic Gadolinium(III) Complexes", in Contrast and Contrast Agents in Magnetic Resonance Imaging, edited by P. A. Rink, European Workshop on Magnetic Resonance in Medicine. pp. 65 - 73 (1989)
h =	ААН	Brechbiel et at., "Synthesis of I.(p-Isothiocyanatobenzyl) Derivatives of DTPA and EDTA. Antibody Labeling and Tumor-Imaging Studies", Inorg. Chem. 25, pp. 2772 - 2781 (1986)
<u> </u>	AAI	Hoey et al., "Chemistry of X-ray Contrast Media", Handbook of Experimental Pharmpcology, p. 23 - 125 (1984)

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	AAJ	Wedeking Pal, "Biodistribution and Excretion of New Gd-Complexes in Mile" - 901 - 105 (1977)
I RP 1		Pharmacon inetic Evaluation of MRI Contrast Agents: p. 802. Society of Mr. P. 801 and "Multi-Tissue"
		Wedeking & al., "Biodistribution and Excretion of New Gd-Complexes in Mice", p. 801 and "Multi-Tissue"  Pharmack inetic Evaluation of MRI Contrast Agents; p. 802, Society of Magnetic Resonance in Medicine, 8th  Annual Meeting, The RAI Consrescentrum. Amsterdam. The Netherlands (Aug. 12 - 18. 1989)  Cavagna et al., "Biliary Agents: New Formulations", International Contrast Agents (Aug. 12 - 18. 1989)
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01	AAL	Broan et at., "Structure and solution stability of indium and gallium complexes of 1,4,7-triazacyclononanetriacetate
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1 9/00		Dischino et al., "Synthesis of Nonionic Gadolinium Chelates Useful as Contrast Agents for Magnetic Resonance Imaging", Inorganic Chemistry, Vol. 30, No. 6, p. 1265-1260 (1991)
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	DATE CONSIDERED					
* EXAMINER: Initial if reference considered, whether or not citation is in	CONFORMANCE WITH MADER CO.					
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

USCOMM-DC 80-3995